SAAB 99




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A SIMPLE PHILOSOPHY PRODUCES AN EXTRAORDINARY CAR.

A high performance car and the ability to control it, that's what the Saab 99's are all about.

Up front the famous Saab 2-liter fuel injected overhead cam engine delivers all the power you need for today's demanding driving conditions. It is extremely reliable and its fuel economy is excellent.

The 99's also have front wheel drive, so they pull you forward with authority, even when the roads are at their worst.

The Saab 99 has rack-and-pinion steering, the perfect complement to its front wheel drive. Tracking and turning are precise and faithful to every movement of the steering wheel.

A great deal of development work has been devoted to the interior. But we like to call it "the driver's environment" because the seats, instrument panel and controls are all a result of intense scientific testing. Behind the wheel of a 99 you'll have a feeling of confidence and alertness you've never had in a car before.



SAAB 99GL





1. The center console contains an ingenious grouping of important features:
- ☐ The gear shift lever.
- ☐ The interior light switch.
- ☐ The emergency hand brake.
- ☐ The seat belt connections.
- ☐ The ignition switch that when turned off locks the transmission and automatically turns off the headlights.

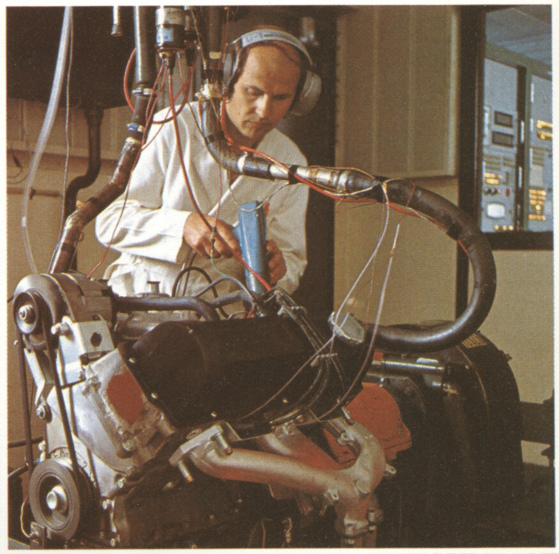
2. The engine and transaxle on the Saab are all mounted in front. The weight is over the wheels which drive the car; this results in exceptional traction.

3. Also contributing to the 99's great roadholding ability is its streamlined body design. The aerodynamic shape gives the car superb directional stability.

4. Instrumentation on the 99 is large, bright and arranged logically for easy readability. Controls for the directional signals, highbeams, and windshield wipers and washer are within fingertip reach of the steering wheel.

5. The Saab 99 is equipped with self-repairing bumpers. They contain cellular blocks that expand back to their original shape in the event of a minor collision (up to 5 mph).


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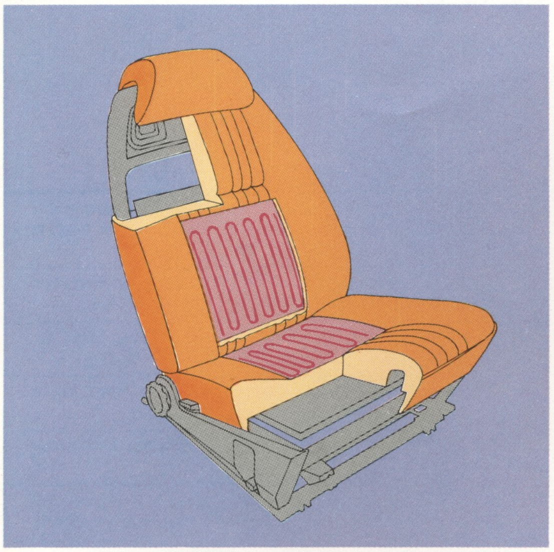

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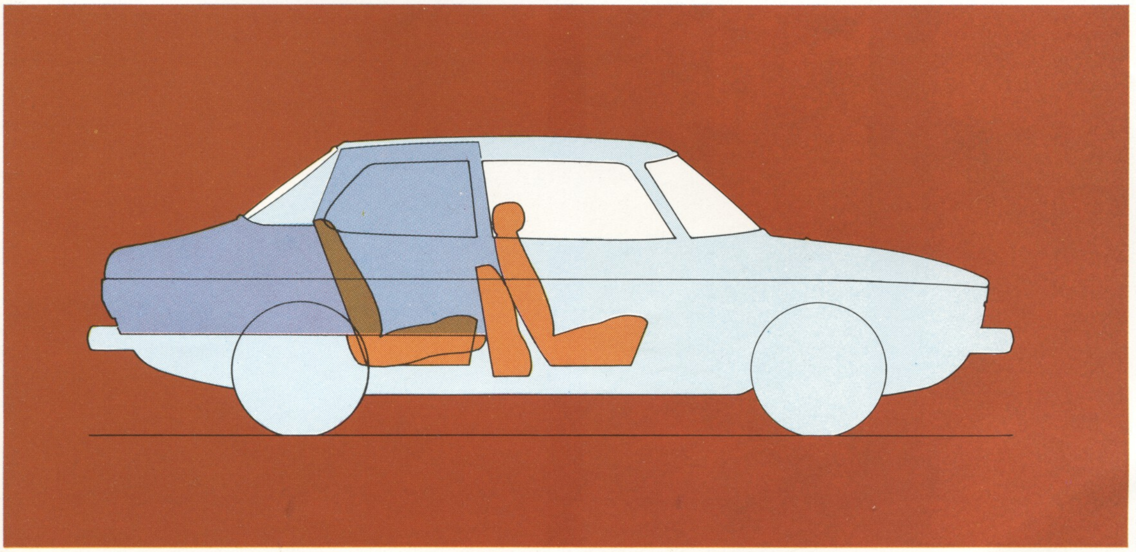


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1. Saab seating is universally recognized and admired. The backrest frame consists of sturdy tubular members and a reinforcing plate. The top of the backrest has a vertically adjustable head rest. The backrest is amply padded and contoured.

The seat and the backrest provide comfortable support from the knees right up to the neck.

2. The roof lining of the Saab 99 has an important safety function. It covers the reinforcing members around the edge of the roof and acts as a large impact absorbing pad.

3. The back of the front seats are recessed. This, together with the carefully designed angle of the back seat cushion and backrest, allows more than ample legroom for rear seat passengers.

4. Roll-cage construction and reinforced door panels. And as all other Saabs, the 99 has variable luggage compartment capacity.

TECHNICAL SPECIFICATION SAAB 99 GL, 1980.

Engine.

General description. Four-cylinder, liquid-cooled, in-line engine with overhead camshaft. Longitudinally arranged in the engine compartment. Integrated with the clutch, gearbox and differential. The engine block slopes at 45°. The engine block is made of alloy cast iron. The cylinder head is made of light aluminum alloy. The crankshaft and camshaft are both mounted in five bearings.

Dimensions and performance. Displacement 121 cu in (1985 cm^3). Cylinder bore 3.54 in (90 mm). Piston stroke 3.07 in (78 mm). Compression ratio 9.2:1. Horsepower SAE net 110 hp (81 kW) at 5500 rpm. Peak torque 119 ft lb (161 Nm) at 3500 rpm.

Fuel system. Mechanically controlled Bosch CI fuel injection. Unleaded fuel only. Recommended octane 87.5 Minimum Octane Rating (AKI) by (R+M)/2 method (equivalent to RON). Fuel tank capacity 14.5 US gallons (55 litres).

Electrical system. Battery 12 V/60 Ah. Alternator, max. output 790 W, 14 V/55 A. Breakerless, electronic ignition system. Starter motor rating 1.1 hp (0.8 kW).

Cooling system. Of pressurized type. Uprated cross-flow radiator and separate expansion tank. Liquid capacity 8.5 US quarts (8 litres). Electrically driven, thermostatically controlled fan.

Power transmission.

General description. Manual gearbox. Single disc, dry, heavy duty clutch. Clutch and primary reduction located at the front of the engine. The gearbox and differential are below the engine. Primary chain drive. Two permanently lubricated drive shaft universal joints for each front wheel.

Reduction ratios. Engine/drive shaft: First gear 12.9:1, second gear 7.8:1, third gear 5.2:1, fourth gear 3.8:1, reverse gear 14.2:1. Final drive ratio 3.89:1.

Chassis.

Brakes. Disc brakes all around. Brake pad area 35.3 in^2 (228 cm^2). Total swept area 388 in^2 (2504 cm^2). Diagonally split, dual circuit hydraulic foot brake system, with 9-inch vacuum servo. Self-adjusting foot brake and handbrake. Handbrake acting on the front discs. Outer front brake linings of semi-metallic type.

Wheel suspension, springing. Lateral wishbones and pivot-mounted, progressive-action coil springs at the front. Lightweight, straight and unsplit rear axle, guided by two leading and two trailing arms and a Panhard rod.

Steering. Rack-and-pinion steering. Jointed and telescopic steering column. Turning circle diameter 34.4 feet (10.5 metres).

Wheels and tires. Steel wheel 5 J×15" FHA. Tires 165 SR 15, steel cord. (Temporary use-type, compact spare on special steel rim.)

Dimensions and weights.

Overall length	176.3 in (4477 mm)	Max. load length, back seat folded	67.6 in (1717 mm)
Overall width	66.5 in (1690 mm)	Trunk capacity, SAE	13.6 cu ft (385 litres)
Height, unladen	56.7 in (1440 mm)	Trunk capacity, total, back seat folded	45.9 cu ft (1300 litres)
Wheelbase	97.4 in (2473 mm)	Curb weight, approx.	2500 lb (1135 kg)
Track, front	55.1 in (1400 mm)	Gross vehicle weight	3620 lb (1640 kg)
Track, rear	56.3 in (1430 mm)		

Equipment.

Effective bumpers, self-repairing after a low-speed collision. Large corner light fittings with direction indicators, parking lights, cornering lights at front. Large brake lights and reversing lights at rear. Hazard warning lights. Automatic headlamp control (headlamps automatically switched off with the ignition). Two-speed windshield wipers. Reflectors on the door edge on the driver's side. Tow lugs front and rear. Anticorrosion priming is applied using the electrodeposition method.

Safety steering wheel with padded rim and energy-absorbing center pad. Rheostat controlled green instrument lighting. Wide range of warning and indicating lamps. Trip meter. Controls with illuminated symbols. Day/night interior rear-view mirror with collapsible mounting. Tough shield below the instrument panel to protect the knees. Roof lining of molded fiberglass. Clock. Tinted glass all around.

Front seats incorporating lumbar support and vertically adjustable head restraint. Grab handle above the passenger door. Fitted carpets. High capacity heating and ventilation system; 12 air outlets. Electrically heated rear window.

Non-dazzle interior lighting. Map-reading lamp. Glove compartment lighting. Luggage compartment lighting. Variable luggage compartment capacity. Easily accessible spare wheel.

■ All specifications and descriptions are subject to alteration without prior notice.

■ A Tourist Delivery Plan is available. Your dealer will supply specific information.

SAAB

Saab-Scania, Saab Car Division
Nyköping, Sweden

Saab-Scania of America, Saab Drive, Orange, CT. 06477

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